

Title (en)
HAIR CONDITIONING COMPOSITION FOR IMPROVED DEPOSITION

Title (de)
HAARPFLEGEZUSAMMENSETZUNG ZUR VERBESSERTEN ABSCHIEDUNG

Title (fr)
COMPOSITION DE CONDITIONNEMENT DE CHEVEUX POUR UN DÉPÔT AMÉLIORÉ

Publication
EP 3897541 A1 20211027 (EN)

Application
EP 19813596 A 20191210

Priority
• EP 18214094 A 20181219
• EP 2019084382 W 20191210

Abstract (en)
[origin: WO2020126660A1] A composition comprising: (i) 0.01 to 10 wt % of a linear, cationic conditioning surfactant; (ii) 0.1 to 10 wt % of a linear fatty material; (iii) a particulate benefit agent selected from conditioning actives, scalp actives, encapsulated fragrance, emulsified fragrance, and mixtures thereof; (iv) 0.01 to 5 wt %, at 100 % active, of a branched cationic co-surfactant, selected from structure 1, structure 2, structure 3 and mixtures thereof wherein: R1, R2, R5 and R6 comprise linear alkyl chains, saturated or unsaturated, with carbon-carbon chain lengths of from C4 to C20, preferably from C6 to C18; R3 and R4 comprise linear or branched alkyl chains, saturated or unsaturated, with carbon-carbon chain lengths of from C6 to C22; preferably from C6 to C12 n and m have a range of from 0 to 10, preferably selected from 0 and 1; p has a range of from 1 to 6, preferably selected from 1 and 2; R7 comprises an alkyl chain having a carbon-carbon chain length of from C1 to C4, preferably C1 to C2; R8 comprises a proton or an alkyl chain having a carbon-carbon chain length of from C1 to C4, preferably C1 to C2; and X is an organic or inorganic anion; wherein the molar ratios of branched cationic co-surfactants (iv) to linear cationic surfactants (i) are in the range of from 1:20 to 1:1. results in improved particulate benefit agent deposition onto hair.

IPC 8 full level
A61K 8/34 (2006.01); **A61K 8/37** (2006.01); **A61K 8/41** (2006.01); **A61K 8/42** (2006.01); **A61K 8/892** (2006.01); **A61K 8/898** (2006.01); **A61Q 5/12** (2006.01)

CPC (source: EP US)
A61K 8/342 (2013.01 - EP); **A61K 8/37** (2013.01 - EP); **A61K 8/416** (2013.01 - EP US); **A61K 8/42** (2013.01 - EP); **A61K 8/466** (2013.01 - US); **A61K 8/891** (2013.01 - US); **A61K 8/898** (2013.01 - EP US); **A61Q 5/12** (2013.01 - EP US); **A61K 2800/30** (2013.01 - US); **A61K 2800/524** (2013.01 - US); **A61K 2800/56** (2013.01 - US); **A61K 2800/596** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020126660 A1 20200625; AR 117723 A1 20210825; BR 112021008300 A2 20210803; CN 113194914 A 20210730; CN 113194914 B 20240326; EA 202190901 A1 20210924; EP 3897541 A1 20211027; JP 2022514309 A 20220210; PH 12021550983 A1 20211108; US 2022071876 A1 20220310; ZA 202103147 B 20230329

DOCDB simple family (application)
EP 2019084382 W 20191210; AR P190103752 A 20191219; BR 112021008300 A 20191210; CN 201980084635 A 20191210; EA 202190901 A 20191210; EP 19813596 A 20191210; JP 2021535071 A 20191210; PH 12021550983 A 20210428; US 201917414470 A 20191210; ZA 202103147 A 20210510